TO OUR CORRESPONDENTS.

"One of the Craft" *will be obliged for information as to the compound parts of gun metal for making cramps for stone work.*

"B."—*His last favour has merits well entitling it to publication.*

"P."—*His design for farm cottages is, on the whole, a good one, and shall appear.*

"R. M."—*There is some mistake, though different informants probably.*

"Mr. Bendley."—*We will endeavour to avail ourselves of his kind contribution.*

"Mr. Benson."—*His communication shall have our best attention. He may probably hear from us by post.*

"Mr. Harison" *is thanked for his kind consideration in our regard.*

"CHAPMAN'S PATENT PAPER CLOTH."—*A subscriber inquires for specimens and particulars. If the manufacturers will supply us therewith we shall be happy to forward them.*

SUMMARY OF CORRESPONDENCE.

"Φιλο-Γηρος" *complains of the great delay in opening the new Galleries and Exhibition Rooms of the British Museum, and of the ill-arranged and incomplete manner in those that are opened, he admits that some excuse may be pleaded on the score of the extent and unfinished character of the buildings, but this, considering the immense sums that have been expended, is not, he says, sufficient excuse. He goes on to say, the public are debarred from entering during three days, and the very prohibition presupposes that there is a continual state of progress within, which is far from being realized by those who are in the habit of frequenting it. Some portions have been completed for a considerable time (for more than a year), and are not yet exhibited; and it certainly is very annoying to have a door opened displaying a tantalizing glimpse of a gallery in a state, if not absolutely complete, as much so as are those now open, and to be denied admission on the plea of its unfinished state. To any who may think these remarks out of place in your periodical, I would urge that, if I mistake not, one, and that one not the least considerable of your ends and aims, is to give a tone to the working classes, and in what better way can that be accomplished than by providing them with sources of rational amusement? and what sources of amusement can compete with those displayed in the British Museum? We, as a nation, are but just beginning to find the immense use of gratuitous exhibitions in raising the moral and intellectual tone of the lower, and therefore the most numerous, orders of the people. In argument against this I have often heard it remarked that Englishmen could not bear the same privileges as foreigners from the peculiar anxiety manifested by them to exercise their sense of touch, but have always replied the only way to get over this is to multiply the various exhibitions, and thus to accustom him to see the advantage of order and propriety of conduct How far I was right let the gratuitous exhibition of the cartoons, let the British Museum itself, continued open through the Easter week for the first time last year, and the astonishing fact that of the thirty thousand persons who viewed it during that week, there was but one whose conduct could be complained of.*

"Alpha, Glasgow," *expresses a favourable opinion and a kindly feeling in behalf of* "THE BUILDER," *but takes exception to our department, viz., that which includes "the getting up and selecting the subjects for illustration." He more particularly adverts to the Wesleyan Centenary Hall. The design given as an embodiment on the one executed may be superior, he says, but it appears to him, and to those who have examined it, very much what may be seen in the centre of almost any square, crescent, or terrace in London, or even some of the provincial towns. Some of the Cottage Designs he stamps as unworthy of a second inspection; and here we must have a word with him, much in the same strain as we have before uttered. We do not in all such cases think it important to select only for what is perfect, or approaching perfection. Men have to be taught by avoidance as well as by guidance; and if no more than the useful criticisms had been excited, we have done good. We are not writing for the dilletanti, but for men in all grades of progress, and for youths. However, Alpha is only anxious that in all designs that purport to be new, care should be taken that they contain some new "architectural idea;" such, for instance as Mr. Hanson's Sussex Memorial, which, whether good or bad, upon which he desires to give an opinion, is calculated to excite, and has excited in his hearing some ingenious discussions. Alpha is anxious to have "THE BUILDER" keep up with the present state of Architecture, and hopes that his remarks will have the effect of bringing forth "both original and good designs." We have to thank him for the excellent spirit in which he writes, and to say we shall be happy to hear from him again.*

(ADVERTISEMENT.)

TO THE EDITOR OF THE BUILDER.

SIR,—Having seen in your paper (which I have taken from its commencement) an answer to your correspondent, that you had applied to Mr. Nash for the stain used and so much admired at the Temple Church, I beg to say, that having executed and completed the joiners and carvers' works and staining to the stalls, pulpit, and choristers' stands, under the direction of Messrs. Burton and Smirke, and by order of the benchers of both societies of the Inner and Middle Temples, I shall be happy to supply any one requiring the stain, or to execute any of the works for them.

I am, Sir, your obedient servant,

W. W. VIGERS,
Carpenter to the Hon. Society of the Inner Temple.

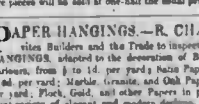
New Wharf, Whitefriars, Nov. 13, 1843.

ADVERTISEMENTS.

R. E. CLARKE and SON, PAPER-STAINERS, 3, Chandos-street, Bedford-square, respectfully beg leave to state that they have now on hand a large quantity of PAPER-HANGINGS, which they can offer at a very great reduction of price.

Several Hundred Remnant Lots of from three pieces to five pieces will be sold at one-half the usual price.

PAPER HANGINGS.—R. CHATER invites Builders and the Trade to inspect his PAPER HANGINGS, adapted to the decoration of Bed-rooms and Parlours, from 5½ to 1d. per yard; Satin Papers, from 6d. to 8d. per yard; Marble Granite, and Oak Papers, from 9d. per yard; Flock, Gold, and other Papers in proportion, in great variety of elegant and modern designs. A liberal allowance on taking a quantity. At R. CHATER'S Warehouse, 43, Tottenham-court-road.



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FOR ADMITTING DAYLIGHT with surprising effect in VAULTS, CELLARS, and UNDERGROUND APARTMENTS, ROOFS of BUILDINGS, &c. and all dark places where Light is required. Their extensive and increasing application, and the liberal manner in which they have been taken up by Architects, Surveyors, Builders, &c., has induced the Inventor still further to extend their use by the introduction of several new Patterns. Engravings and Prices, gratis. They may be seen in use on an extensive scale at the Croydon Railway-station, Tooley-street; the Vaults of the St. Katherine's Docks, &c., and also in the Foot Pavement (in place of the ordinary coal-hole plate) in innumerable places in all parts of London, as well as other considerable towns.

N.B. The Lenses are so fitted in the above, that they may be walked over without injury.

Sold by J. Barlow, Inventor and Manufacturer, 14, King William-street, Monument-yard.

PLUMBERS, PAINTERS, BUILDERS, and OTHERS supplied with CROWN and SHEET WINDOW GLASS, SHEET PLATE, &c. &c., for Pictures, Glazing, &c. &c., in any quantity, at Manufactory Prices.

TURPS, per gallon	..	..	.. 2s.
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Colours, Pipe, Brushes, &c. &c., equally low, and quality warranted. Complete Lists, priced, may be had on applying to E. COGAN, 5, Princes-street, Leicester-square, London.

PRINT PUBLISHERS, PICTURE FRAME AND CABINET MAKERS, can be provided with flatted Crown, flattened Sheet, and the patent Sheet Plate. Lists of which, shewing the price for any square, from 14 by 12 to 60 by 30 of Best and Seconds quality, will be sent (gratis) upon receiving the address. Builders, Glaziers, and others having to Contract, sending a copy of their specifications, with a list of dimensions to E. COGAN, will receive by return of post the lowest prices for all qualities and sizes of Crown Sheet-Glass and Sheet-Plate, &c. Glazing estimated for if required.

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COMMON SHEET AND CYLINDER. The advantages of Common Sheet over Crown for Glazing sky-lights is decidedly great, and is generally used where strength or superior appearance is required; a light Sheet 6in. wide, with openings of any width, needs only one bar. The Glass is considerably stouter than Crown, and may be had from 3d. per foot.

Also may be had,

COGAN'S PATENT CHIMNEY FOR GAS OR OIL, Which effects a great saving in the consumption, produces a more brilliant light, prevents smoke, and is cheaper than any other Patent Chimney sold.

LAMP SHADES AND GAS GLASSES, OF EVERY DESCRIPTION.

GAS CONTRACTORS, FITTERS, GLASS MERCHANTS and others supplied with Lists of nearly 100 Patterns, with prices affixed, sent to any part of the Kingdom gratis.

CLOCK MAKERS, ALABASTER FIGURE MAKERS, ARCHITECTS, MODELLERS, AND OTHERS, supplied with FRENCH ORNAMENT SHADES, for covering Models of Public Buildings, Geological Curiosities, &c. &c., of all sizes and shapes. List of Prices may be had on application.

French Table Flowers, China Vases, Fancy Glass Ware, and Alabaster Figures in every variety.

E. C. having just completed his Show Rooms for the above articles, begs to invite the inspection of the Public. A liberal Discount to Bazaar Keepers and others.

H. T. CHURCH is desirous of calling the attention of ARCHITECTS, SURVEYORS, BUILDERS, and the Public to his LITHOGRAPHIC AND GENERAL PRINTING OFFICE, 58, WATLING-STREET, CITY. Drawings of Machinery, Railways, Canal, and Estate Plans, executed with the greatest accuracy and elegance; combinations of qualities difficult to obtain, as many Printers are entirely ignorant of the nature of the drawings committed to their care for the purpose of being lithographed. H. T. Church having, during a long and extensive practice of the business, had the advantage of three years observation in the office of an eminent Surveyor, is particularly fitted for the superintendence of drawings, &c., which require to be lithographed with great accuracy. Circular Letters, Fac-similes, Bill-heads, Cards, Labels, Guest Tickets, and every description of Printing on demand by the most practical and manufacturing world executed with punctuality and elegance, and on the lowest remunerating terms.

H. T. Church will wait upon gentlemen in any part of London for the purpose of giving estimates or receiving orders. Country orders instantly attended to, if accompanied by a London reference.

WATSON'S PATENT DRAINING, for LAND, VIADUCTS, RAILWAY CUTTINGS, TUNNELS, AND OTHER ENGINEERING WORKS.

This invention will supply the want so much felt in railroads, and other engineering works, of a perfect system of Drainage. The slips that have taken place in railway cuttings have been caused by want of under-draining; and the preservation of Tunnels, Embankments, and Viaducts, &c., may be provided for by the means now offered. Experience has shown that, without drainage, no work having water to get rid of, can be considered secure, for the water will open itself a passage sooner or later; and the attention of Engineers has for some time been directed to the best mode of draining their works.

The draining of Tunnels, Embankments, &c., by this Patent, consists for the most part in inserting to the requisite depth in any direction, and at suitable distances, round-ware pipes of between two and three inches diameter, and having numerous small holes or slits in them; and by these apertures being formed undercut, viz. enlarging inwards, they do not become clogged as other holes would.

In erecting new works, the drain-pipes may be built in, and for old works, borings are now easily made by a machine, which, after much time and expense, has been brought to such perfection as to render boring through the hardest brick work a safe and expeditious operation. This machine, working the Patent Cutter, has, in boring a four-inch hole through a brick wall of the hardest description, performed six feet in an hour. It is worked by manual labour, and bores in any direction, and to any depth or length, but in general between ten and twenty feet will be sufficient.

One great advantage offered by this Patent, in the Ventilation that is procured in the works to which it is applied, and which will preserve building materials and consolidate earthwork. The borings are not made merely through the masonry, but some distance in the solid earth.

It may here be remarked, that holes bored for drain-pipes, without the insertion of pipes, soon become choked and useless.

For Wood Pavements the draining and ventilation which may be kept up by these pipes, will be found particularly valuable. The pipes will be laid underneath the blocks, and communicate with the sewers, and may be laid down at scarcely any expense being merely embedded in the concrete. By the foundation being thus drained, the surface will be kept clean and dry, and the blocks laid upon this pavement in set slippery. Every pavement, whether of wood or stone, will, if underdrained, keep cleaner and last longer than at present; for it is impossible so to put it together as to prevent the rain soaking through; and the concrete, or other loose bottom, when wet or soft, works up to the surface in the shape of dirt, and shakes the blocks or stones to sink and present an uneven surface.

The price of the Pipes in One Shilling per foot, and they are made in lengths of one foot. The charge for insertion varies according to circumstances. The Proprietor either inserts the Pipes himself, or sells them; and let on hire the Boring Machinery.

Apply to T. HUGHES, 51, Bedford Row, London.

DAY'S PATENT WINDGUARD, for Ventilating Churches, Hospitals, Factories, Theatres, Club-houses, Breweries, Malt-houses, Shops, Counting-houses, School-rooms, Sleeping-rooms, Kitchens, Cellars, Larders, Dairies, Stables, and all Buildings requiring Ventilation; as well as Ships, Mines, Tunnels, &c. &c.; also, for Preventing Down Draft; and in guarantee to Cure all Smoky Chimneys caused by Wind; and entirely supersedes the use of Revolving Cowls, or anything movable or unsightly on the top of Chimneys or Ventilators.

The object of this Invention is to create a draft where otherwise it would not exist, by the spontaneous action of the external air.

The Windguard forms a pleasing octagonal pillar, and in its peculiar construction is, every air the principle, consists of the wind giving a disposition for a vacuum within, which causes a continual upward current, and can be regulated at pleasure.

The Windguard applied to Ships and Steam Vessels in the form of a Skylight, prevents rain or the sea entering within, however boisterous the weather may be, thereby affording constant Ventilation, as well as Light.

The Windguard applied to the Tops of Chimneys prevents all annoyance from Smoke, and agreeably Ventilates the room when fires are not required. This is a most simple and effectual way of Ventilating Bed-rooms, Nurseries, Sick-rooms, &c.; causing the air of the apartment to be at all times as pleasant as can be desired, one may be regulated by a valve at pleasure.

The Windguard is simple in its application, reasonable in price, ornamental in appearance; no machinery or any kind moveable in it, therefore, constantly free from cause or any unpleasantness whatever; not liable to choke up with soot, and the obstacle to the machines used for sweeping chimneys.

The Windguard having been applied, with much success, to the chimneys of Windsor Castle, Buckingham Palace, and Thorncourt, also to several of the Club-houses, as well as to the mansions of many noblemen and gentlemen, it is with great confidence recommended for the cure of smoky chimneys generally, and may be had of all respectable ironmongers in Town and Country, and may be seen daily in operation at The Patent Ventilating Works, Bunhill-row, London.

Where also may be seen Mr. G. T. Day's plans illustrating the different applications of his Patent ARCHIMEDIAN VENTILATOR and his PORTABLE WATER APPARATUS for effectual Ventilating, Warming, and Cooling the Air of Buildings, Ships, &c. &c. By the use of these inventions many thousand feet of any quantity of pure warm or cold air can be guaranteed to be continually [illegible] per minute, day and night, winter and summer [illegible] ensuring, at all times, free ventilation to the rooms and passages of buildings, &c., from the basement to the roof. The use of the apparatus depends on the nature and use of the buildings and its occupants.

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